

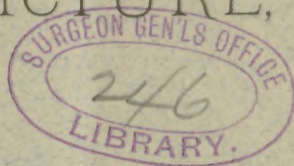
Newman (R.)

TABULAR STATISTICS

MEDICUS

OF ONE HUNDRED CASES OF

URETHRAL STRICTURE,



TREATED BY

ELECTROLYSIS,

WITHOUT RELAPSE.

BY ROBERT NEWMAN, M. D.,

SURGEON NORTHWESTERN DISPENSARY, NEW YORK; PERMANENT MEMBER AMERICAN MEDICAL
ASSOCIATION; HONORARY MEMBER ULSTER COUNTY MEDICAL SOCIETY, ETC., ETC.

REPRINT FROM NEW ENGLAND MEDICAL MONTHLY.

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TABULAR STATISTICS OF ONE HUNDRED CASES OF URE- THRAL STRICTURE, TREAT- ED BY ELECTROLYSIS WITHOUT RELAPSE.

BY ROBERT NEWMAN, M. D.

Surgeon North-Western Dispensary, New York; Perma-
nent Member American Medical Association; Honorary
Member Ulster County Medical Society, etc., etc.

THE tabular statistics of these cases were a part of my paper, entitled "Electrolysis in Surgery," which was read before the Section in Surgery, at the American Medical Association, in Cleveland, June 6th, 1883, and referred for publication, by an unanimous vote. A fire destroyed the type and part of the manuscript, in Chicago. One part was afterwards published in the Journal of the American Medical Association, April 25th, 1885. The present paper is, therefore, a reproduction of the destroyed manuscript, and not published before. This explanation is deemed necessary for a better understanding; and is a reason why these statistics appear at this late date. The principal object of the tabular statement is to show that the one hundred cases treated by electrolysis have not only *been dismissed as cured*, but have also been *kept under observation*, and that during a number of years of such observation *no relapse* has occurred.

As these statistics were prepared for the meeting in June, 1883, and the shortest time of observation after a cure was three and one-half years, it will be seen that no case could have been incorporated in these tables, which came under treatment later than November, 1879. All these one hundred cases have been taken from my

note book, and are, in some sense, consecutive, *i.e.*, they consist of patients who were treated by electrolysis for urethral strictures from the time of May, 1868, until November, 1879, and who were satisfied that they were cured. Of these, only such cases have been enumerated which remained under observation from three and one-half to eleven years, without having suffered a relapse. Therefore, it is obvious that all those patients had to be omitted from this list, who did not remain under treatment long enough, or were lost sight of. In the following cases we record the time when the patient was seen last, or reliable information obtained that he was well, without having had any relapse of stricture, and how many years had passed since he had been dismissed as cured. Such information has been obtained either from the patients themselves, or their friends, or through reëxaminations conducted by the family physician or myself. In many cases I personally had the opportunity to reëxamine the patients, and found that the same sized bougie introduced last, no matter how many years ago, passed through the urethra easily, and often even a larger number could be introduced with facility. The length of time of these observations was as follows: Three to four years in thirty-two cases; five to six years in twenty-six cases; seven to nine years in twenty-six cases; ten years in twelve cases, and eleven years in one case. How far the calibre of the urethra was enlarged is given under the column, "Result, and Calibre of Urethra, when Discharged as Cured"; the first part according to the American scale, and the latter cases are marked according to the

French scale. Some critics may find fault that the calibre of the urethra has not been enlarged enough, according to their idea, and that a larger instrument would not have passed. My answer is, that I can enlarge the calibre as much as necessary; that in these cases no stricture was found anywhere; that the patients themselves were well satisfied with their urethra; did not wish to have a larger calibre, even objected to continued treatment for such an object, and have ever since enjoyed good health for many years without any relapse or inconvenience. The calibre of the urethra can be enlarged and restored sufficiently for a cure by the electrolytic process, and in cases which have been treated during the last six years, since 1879, the calibre of the strictured portion has been enlarged, in most cases, up to No. 28 French scale, and in others still more. The duration of the strictures, at the time the patients came under treatment varied much, and was from less than one year up to twenty-five years duration.

The next point of interest is to compare the percentage of single and multiple strictures. Nearly one-half of the cases were single strictures, or more exact, 42%; two strictures in one patient were found in 34% of cases; three strictures in 17%; four strictures in 5%, and five strictures in 2%. During the latter years I have found as many as six strictures in one patient.

These one hundred patients had one hundred and eighty-nine strictures together, which were situated in all parts of the urethra, from close to the meatus to within eight inches from the meatus. The exact location of these strictures was as follows:

Eight strictures were found at one inch or less from the meatus.

Twelve strictures were found from one to two inches from the meatus.

Thirty-one strictures were found from two to three inches from the meatus.

Twenty-five strictures were found from three to four inches from the meatus.

Forty-two strictures were from four to five inches from the meatus.

Thirty-seven strictures were from five to six inches from the meatus.

Twenty-four strictures were from six to seven inches from the meatus.

Ten strictures were from eight to nine inches from the meatus.

While the analysis of one hundred cases will not warrant a correct conclusion as to the portion of the urethra where most strictures occur; nevertheless, these observations are interesting, and they are given for what they are worth.

Statistics compiled by general practitioners may vary somewhat from my tables, because cases which come under my care are particularly severe, having mostly been sent by other physicians, who cannot bestow the necessary time, or have not the variety of instruments needed.

The general belief is, that most strictures are found in the spongy portion of the urethra, and the majority of these, within three inches from the meatus. My experience is, that strictures appear in every portion of the urethra, and from our tables of one hundred cases, the greatest number were situated from four to five inches from the meatus; about ten per cent. were in the membranous, and nearly five per cent. in the prostatic portion; some of the latter were of traumatic origin.

SÉANCES.—From one to ten operations, in some cases even more, were necessary for a cure, from which one may draw the conclusion that the average number of séances was five to six for each case.

TIME.—The treatment in each case averaged two to three months. *Long intervals* between the séances, and *weak currents* are rules to which I still adhere, and which I cannot impress too strong to operators, as most important points in these operations.

OBSERVATIONS.—The length of time patients were under observation, after they were dismissed as cured, was from three to eleven years, which brings the average time to from six to seven years in each case.

For other information, I refer to my former papers, some of which have appeared in this valuable journal, in which

I have given accounts of the theory and practice of Electrolysis in surgery, and particularly in the treatment of urethral stricture ; many cases in detail, as also a ten year's experience of cases and sequels. As these tabular statistics speak for themselves, I conclude without any further comment.

68 West 35th St., New York, June, 1885.

11	A. T., Boston, August, 1877.	40	Gonorrhœa, Vener. excess, 15 years.	2	5 7	9 8	4	21	August 12, to September 28, 1877.	Cured.	12	May, 1882.	5 years
12	S. M. S., Hartford, July 22, 1872.	29	1) Traumatic, 9 yrs. 2) Paralysis of blad. Traumatic.	1 1	7 6	3 0	Irregu- lar, 3	3	July, to Septem- ber, 1872. Eleven days.	Well for 6 years. Then acquired a new stricture.	12 11	Re-examined. Letter May 18, 1882.	6 4 10 years
13	W. H. B., New York, March, 1871.	22	Gonorrhœa, Syphilis, 1 year.	2	1 5½	3	7	20	March, to Au- gust, 1871.	Well.	12	Heard through a friend, 1880.	9 years
14	R. A., Westchester, March, 1872.	30	Gleet, Chancroids.	2	1½ 4½	7	6	30	March, to July, 1872.	Well.	12	May, 1882. By W. H.	10 years
15	R. T., Philadelphia, March, 1872.	30	Gonorrhœa, Impotence, Melancholy.	1	7	6	3	18	2 months.	Well.	14	Re-examined 1880. Letter, June, 1882.	10 years
16	M. M., New York, July, 1872.	24	Gonorrhœa, Granular Urethritis.	1	1½	9	3	30	10 weeks.	Well.	14	May, 1882.	10 years
17	T., New York, November, 1872.	35	Gonorrhœa, 15 years.	1	1	8	2	30	1 month.	Well.	12	Record uncertain	Uncert'n
18	W. R. R., New York, December, 1872.	22	Gonorrhœa, 3 years.	2	2½ 5½	9	2	30	Dec., 1872, to January, 1873.	Well.	12	Re-examined 1880.	8 years
19	H. B. S., Connecticut, December, 1872.	48	Gonorrhœa, 5 years.	1	2½	7	2	14	December, 1872, to February, 1873.	Well.	13	Re-exam., 1880.	8 years
20	S. J., New York, December, 1872.	42	Gonorrhœa, 5 years.	3	2 4 5½	8	1	0		Well.	12	Heard from.	Uncert'n
21	T. G., Missouri, January, 1873.	32	Gleet, Spermatorrhœa, 3 years.	1	5½	7	8	12	January, to April, 1873.	Well.	15	January, 1882.	9 years

No.	Patient's Initials, Residence, When first Seen.	Age.	Cause, Duration and Complications of Stricture.	How many Stric- tures found.	Dis- tance from Meatus in inches.	Ameri- can size, No.	T R E A T M E N T.			Result and Calibre of Urethra when discharged.	Last heard from after discharge as cured.	Time of observa- tion without a relapse.
							How many seances.	Average inter- vals.	Time of.			
								Days.				
22	G. S. B., Oneida Co., April, 1873.	29	Gonorrhœa, 4 years.	3	2 $\frac{1}{2}$ 3 $\frac{1}{4}$ 6 $\frac{1}{2}$	4	2	2	3 days.	Well.	Re-examined, 1878.	5 years
23	J. R., New York, June, 1873.	27	Gleet.	1	4	9	2	10	2 months.	Well.	Re-examined, 1882.	9 years
24	E. S., New Haven, Sept., 1873.	45	Gonorrhœa 5 years, Retention 2 years.	3	3 $\frac{1}{2}$ 5 $\frac{1}{2}$ 6 $\frac{1}{2}$	7	5	10	2 months.	Well.	Re-examined. Heard also from family physician.	9 years
25	H. D., New York, March 10, 1871.	35	Gonorrhœa, Granular Urethritis 6 years.	2	4 $\frac{1}{2}$ 5 $\frac{1}{2}$	7	9	10	March, to July, 1871.	Well.	December, 1880.	9 $\frac{1}{2}$ years
26	T. P., Brooklyn, May 16, 1871.	29	Gleet, Prostatitis, 1 year.	1	5 $\frac{1}{2}$	8	5	10	May, to August, 1871.	Well.	1879.	8 years
27	W. C., Chicago, July 6, 1871.	26	Gonorrhœa, Spermatorrhœa, 1 year.	1	7 $\frac{1}{4}$	9	7	12	July, to October, 1871.	Well.	Re-examined in 1880. Heard from, 1882.	10 $\frac{1}{2}$ years
28	H. E. T., Port Jervis, Oct., 1871.		Gonorrhœa, 9 months.	1	4 $\frac{1}{2}$	8	4	20	October, to De- cember, 1871.	Well.	1880.	9 years
29	J. B., New York, Oct., 1871.	45	Gleet, Granula- tions, 4 years.	2	3 $\frac{1}{2}$ 6 $\frac{1}{2}$	7 6	6	12	October, 1871, to January, 1872.	One slight 12 relapse in '73, then cur'd.	1882.	10 years
30	J. W., New York, Feb. 28, 1872.	19	Gonorrhœa, 1 year, Masturbation.	1	7	9	4	10	February, to April, 1872.	Well.	1879. Then went to Germany.	7 years
31	D. O., New York, Feb., 1872.	24	Gonorrhœa, Varicocele, 2 years.	1	6		3	10	February to April, 1872.	Well. Seen off & on.	1881.	9 years

32	C. T., New York, April, 1872.	23	Gleet, Cystitis, 2 years.	2	4 5 $\frac{3}{4}$	7	Treatment was interrupted by typhoid, and cured.		12	1882.	10 years
33	H. D., Minnesota, April, 1872.	21	Urethritis, Venereal excess, 4 years.	1	6	7	4	25	12	1880.	8 years
34	S. S., Detroit, February, 1878.	35	Gonorrhoea, Cystitis, 1 $\frac{1}{2}$ year.	1	6 $\frac{1}{4}$	9	2	10	12	From his family physician, 1882.	4 years
35	J. S., New Jersey, May, 1878.	25	Masturbation, Impotence.	1	5	9	3	14	13	By friends, 1882.	4 years
36	E. G., New York, August, 1878.	24	Gonorrhoea, Granulations.	1	4 $\frac{1}{2}$	9	2	30	12	1882, saw him and re-examined.	4 years
37	J. B., New York, August, 1878.	36	Gonorrhoea, Cystitis, 2 years.	2	3 5	10			14	1882. Re-examined.	4 years
38	J. G., New York, September, 1878.	21	Gleet, Granulations, 1 $\frac{1}{2}$ year.	1	4 $\frac{1}{4}$	9	3	20	12	By friend, 1882.	3 $\frac{1}{2}$ years
39	J. G., New York, October, 1878.	36	Traumatism 15 years. Contracted meatus.	2	4 2	9	4	6	12	His partner reports him well. 1882.	4 years
40	M. L., Brooklyn, August 3, 1873.	29	Gonorrhoea, 6 years.	2	4 $\frac{1}{2}$ 6 $\frac{1}{2}$	10	3	16	13	By friend, 1878.	5 years
41	K. A., New York, October, 1873.	39	Gonorrhoea, Epididymitis, 12 years.	3	2 $\frac{1}{2}$ 4 5 $\frac{1}{2}$	10 4	10	12	12	October, 1873, to Aug., 1874.	7 years
42	J. A. B., Iowa, December, 1873.	50	Urethritis, 15 years.	1	2 $\frac{1}{2}$	9	2	3	11	Reported well by his brother, 1879.	6 years

No.	Patient's Initials, Residence, When first seen.	Age.	Cause, Duration and Complications of Stricture.	How many from this cause.	Discharge from Meatus in inches.	Ameri- can No.	How many sources.	T R E A T M E N T.			Result and (cure of Urethra when discharged).	Last heard from after discharge or cure.	Time of abser- vation without a relapse.
								Days.	Average Inter- vals.	Time of.			
43	W. M., Ohio, March, 1874.	25	Masturbation, Prostatorrhœa.	1	7½	9				March, to May, 1874.	Well. 12 Months, and has 3 children.	1879.	5 years
44	S. B., New York, May, 1874.	25	Gonorrhœa, 4 years.	2	4½ 6½	9	10			May, to October, 1874.		1878. By friend.	4 years
45	W. B., New Haven, October, 1874.	72	Injection of acids, Paralysis of blad'r. Enlarged prost. 4 yrs.	2	3 7½	10	9	15		October, 1874, to April, 1875.	Well. 14 Afterw'd rec'd treatment for Eczema.	1879. Then died sud- denly.	5 years
46	C. C. S., Greenpoint, September, 1874.	32	Urethritis, Cystitis, Pericystic abscess, 2 years.	2	2 6½	9	5	12		September, to December, 1874.	Well. 12 Later was treated for abscess.	1881. Seen often.	7 years
47	N. M., New York, January, 1875.	39	Gonorrhœa, 9 months.	1	5½	9	2	15		1 month.	Well. 12	1880.	5 years
48	W. A., Brooklyn, January 10, 1875.	24	Gonorrhœa, Con- genital malforma- tion.	3	3 2 4		6	9		January, to March, 1875.	Well. 13	1879. Went west.	4 years
49	E. J., New York, January, 1875.	27	Gonorrhœa, complicated by Syphilis, rupture of Pex- tis from a venereal condition.	2	3½ 4½		Many.			1 year.	Well. 13	June, 1882.	7 years
50	O. B., New York, July, 1878.	25	Gonorrhœa, Gleet, 4 years, Hypospadiac.	2	2½ 4½	5 4	3	12		8 weeks.	Well.	June, 1882.	4 years
51	G. L., Auburn, March, 1878.	54	Gonorrhœa, 5 years.	3	2½ 3 5	5 1	4	20		March, to June, 1878.	Well. 12	Heard from. Record not cer- tain.	5 years
52	J. T., Port Jervis, June, 1875.	23	Gleet, 2 years.	1	4½	8	2	20		1 month.	Well. 12	April, 1882.	7 years

53	M. B., Hartford, July, 1875.	21	Gleet, 2½ years.	2	7 8	10	1		Well.	12	Heard from friends and his physician.	6 years
54	H. M., Ulster Co., July, 1875.	45	Gonorrhoea, 12 years.	3	1½ 4 5½	5 4	6	20	July, to Novem- ber, 1875.	13	May, 1881.	6 years
55	M. B., New York, August, 1875.	40	Gonorrhoea, 3 years.	3	1 3 5	8	3	20	August, to October, 1875.	13	June, 1882.	7 years
56	C. S., Port Jarvis, November, 1875.	22	Gleet, 4 years.	2	2½ 5	9	3	12	6 weeks.	13	May, 1882.	7 years
57	S. J., Poughkeepsie, November, 1875.	35	Strong injections, Gonorrhoea, 16 years.	5	1 2 3 4½ 6	6 3	Many	to 20	November, 1875, to April, 1876.	12	1880. Re-exam- ined, then went to Australia.	4 years
58	T. S. H., Boston, May, 1876.	44	Traumatic, 16 yrs. Strong injections, Perineal fistula.	3	4½ 5½ 7½	8 2	8	18	May, 1876, to February, 1877.	10	Heard from, but did not return, to actual return of bill	6 years
59	J. A. T., New York, September, 1876.	28	Gonorrhoea, 16 years.	4	1½ 5 6 8	6 4 3 0	3		Re-examined last, July 2, 1882.			6 years
60	M. L., New York, December, 1876.	37	Gleet, Cystitis, Prostatitis, 12 yrs.	2	3½ 5½	7	4	30	January, to May, 1876.	15	June, 1882.	5½ years
61	J. S., New York, April, 1877.	24	Gonorrhoea, 2 years.	2	3½ 4½	9	3	10	1 month.	13	June, 1882.	5 years
62	B. J., New York, May, 1877.	18	Gonorrhoea.	1	2½	8	3	10	1 month.	12	June, 1882.	5 years
63	D. R., Annapolis, September, 1877.	26	Gonorrhoea, 10 years.	1	5	9	2	5	10 days.		March, 1881.	3½ years

No.	Patient's Initials, Residence, When first seen.	Age.	Cause, Duration, and Complications of Stricture.	How many urinary passages per day.	Distance from Mittels to Urethra, inches.	Amer. No.	TREATMENT.			Result and condition of urinary system when discharged.	Time of observation without a relapse.
							How many cures.	Average duration in days.	Time of.		
64	L. J., New York, March, 1878.	28	Gleet, Pyelitis, Granulations, 5 years.	2	3 6	9	3	10	1 month.	Well.	4 years
65	J. W., New York, April, 1878.	76	Traumatic, 20 years.	2	3 8	0	5	15	April, to June, 1878.	Well.	4 years
66	T. P., New York, April, 1878.	30	Gleet. Masturbation.	1	6½	9	4	12	6 weeks.	Well.	4 years
67	E. S., New York, June, 1878.	25	Gonorrhœa, 3 years.	2	3½ 7	8	5	26	June, to October, 1878.	Well.	4 years
68	M. S., Vermont, July, 1878.	36	Traumatic, 4 years.	2	4½ 6½	4	4	6	1 month.	Relieved to 11 left before cured.	But kept well to May '82, aft'wds not heard from.
69	G. A. D., New York, January, 1879.		Gleet.	1	6	9	3	10	6 weeks.	Well.	3½ years
70	T. O., New York, November, 1879.	54	Gonorrhœa, many years.	1	7½	0	5	20	3 months.	Well.	3½ years
71	A. L. C., Brooklyn, May, 1879.	36	Gonorrhœa. Gleet, 3 years.	3	2½ 3½ 5	3	8	12	4 months.	Well.	11 years
72	M. J., New York, June, 1879.	31	Gonorrhœa, 7 years.	1	7	7	7	10	3 months.	Well.	10½ years
73	F. S., New York, March, 1871.	26	Gonorrhœa, 1 year.	1	1½	6	9	8	3 months.	Well.	10 years

No.	Patient's Name, Residence, When Case seen.	Age.	Cause, Location, and Complications of Stricture.	How many Syphilis From Parent.	Period from Mucous Involvement.	French Metallic No.	TREATMENT.			Result and Condition of Urethra when discharged.	Last time dis- charged as cured.	Time of cure, years, with or without a follow-up.
							How many injections.	Average interval in days.	Time.			
74	W. H., Newburgh, October, 1871.	29	Gleet, Cystitis, Granulations, 4 years.	1	5	15	3	20	2 months.	Well.	23 November, 1880.	9 years
75	A. K., New York, August, 1872.	39	Gonorrhea, Strong injections, 4 years.	2	3 $\frac{1}{2}$ 4 $\frac{1}{2}$	16	7	10	3 months.	Well.	25 December, 1880.	8 $\frac{1}{2}$ years
76	N. S., Jersey City, August, 1872.	30	Gleet, 3 $\frac{1}{2}$ years.	2	2 $\frac{1}{2}$ 6	17	5	7	5 weeks.	Well.	23 September, 1880.	8 years
77	J. B., New York, September, 1872.	26	Gonorrhea, Gravel, 3 years.	1	5 $\frac{1}{2}$	17	6	12	2 $\frac{1}{2}$ months.	Well.	24 December, 1882.	10 years
78	C. M., Port Jervis, October, 1882.	29	Gonorrhea, 2 $\frac{1}{2}$ years.	1	4 $\frac{1}{2}$	18	4	20	3 months.	Well.	24 December, 1882.	10 years
79	A. D., Jersey City, November, 1872.	25	Urethritis, Trans- matic, 2 years.	1	3	14	6	10	2 months.	Well.	23 November, 1881.	9 years
80	G. T., New York, December, 1872.	48	Gleet, Cystitis, 6 years.	2	1 $\frac{1}{2}$ 3 $\frac{1}{2}$	12	8	8	9 weeks.	Well.	23 December, 1880.	8 years
81	T. A., New York, September, 1876,	27	Gonorrhea, Reten- tion, 6 years.	4	1 $\frac{1}{2}$ 5 $\frac{1}{2}$ 6 7 $\frac{1}{2}$	10 0	7	20	5 months.	Well.	26 May, 1883.	6 $\frac{1}{2}$ years
82	C. W., New York, October, 1876.	23	Gleet, General Paresis.	2	3 5	14	5	6	6 weeks.	Well.	23 December, 1880. Then went west.	4 years
83	L. M., New York, January, 1877.	32	Gonorrhea, 12 years.	1	4 $\frac{1}{2}$	15	3	12	1 month.	Well.	24 May, 1883.	6 years

No.	Patient's Initials, Residence, When first seen.	Age.	Cause, Duration and Complications of Stricture.	How many times in total.	Bianchi's Menton inches.	French size. No.	TREATMENT.			Result and Culture of Urethra when discharged.	Last honest from after discharged as cured.	Time of abor- vations without a relapse.
							How many courses.	Average time of voids.	Time of.			
								Days.		French.		
84	M. S., New York, February, 1877.	29	Gonorrhea, Granulations, 9 years.	3	3 1/4 4 1/4 6	16 11	7	13	3 months.	Well.	December, 1882.	5 1/2 years.
85	J. T. S., Washington, May, 1877.	24	Strong injections, 7 years.	3	3 4 1/4 5	17	6	Long and irregular	4 months.	Well.	December, 1882.	5 1/2 years.
86	S. M., New York, June, 1877.	28	Gonorrhea, 3 years.	1	5 1/4	15	5	7	1 month.	Well.	December, 1882.	5 years.
87	O. M., Philadelphia, July, 1877.	34	Gleet, Impotence.	2	4 1/4 6 1/2	16 11	7	12	3 months.	Well.	July, 1882.	5 years.
88	S. Y., Jersey City, July, 1877.	43	Gleet, 10 years. Ven. Rheuma- tism.	1	5 3/4	16	5	7	1 month.	Well.	August, 1880. Then left for Europe.	3 years.
89	W. B., New York, July, 1877.	29	Gonorrhea, 6 years.	1	6 3/4	15	6	8	1 1/2 month.	Well.	October, 1882.	5 years.
90	G. R., New York, August, 1877.	51	Gleet, 3 years.	1	7	17	3	12	1 month.	Well.	November, 1881.	4 years.
91	M. E., New York, August, 1879.	31	Gonorrhea, 10 years.	2	3 6-7	17 0	4	7	1 month.	Well.	September, 1882.	3 years.
92	J. S. C., Rome, August, 1879.	50	Gonorrhea, 12 years.	2	3 5 1/4	17	4	12	2 months.	Well.	June, 1883.	4 years.
93	L. H., New York, August, 1879.	45	Veneral excesses, 8 years.	4	2 1/2 3 4 1/4 5 1/2	20	4	Long and irregular	4 months.	Well.	May, 1883.	3 1/2 years.

94	G. W., Connecticut, September, 1879.	25	Gonorrhœa, Cystitis.	1	3	20	2	2	4 days.	Well.	24	May, 1883.	3½ years
95	C. D., Brooklyn, September, 1879.	58	Gonorrhœa, 25 years.	5	13 24 4½ 5 7	12 0	8	20	5 months.	Well.	28	May, 1883.	3½ years
96	S. B., New Jersey, October, 1879.	46	Gonorrhœa, Incontinence, 20 years.	4	4 6 7 8	9	4	12	2 months.	Well.	24	May, 1883.	3½ years
97	T. T., New York, October, 1879.	62	Successive Gonor- rhœa, Retention, 15 years.	4	3½ 5 6 8	12 0	4	10	1½ months.	20 Feels so com- fortable, and has neglected further treatment.		May, 1883.	3½ years
98	S. T., New York, October, 1879.	42	Gonorrhœa, 19 years.	2	3½ 6½	13	7	15	3½ months.	Well.	25	June, 1883.	3½ years
99	J. M., Rome, October, 1879.	34	Gonorrhœa, 10 years.	2	3½ 5	17	3	25	2½ months.	Well.	23	June, 1883.	3½ years
100	A. N., Bridgeport, November, 1879.	32	Gonorrhœa, 10 years.	1	5	0	3	8	1 month.	Well. Promised to come back, but felt well enough.	20	June, 1883.	3½ years

